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ADA

Dental School Curriculum Clock Hours of Instruction Basic Science Summary

1983/84

SUPPLEMENT 15
TO THE
ANNUAL REPORT 1983/84
DENTAL EDUCATION

The report, Dental School Curriculum, Clock Hours of Instruction, Basic Science Summary, is a study of the clock hours of instruction in the required or core basic science curriculum of the dental school predoctoral programs in the United States. The data contained in the report was collected in subsection 8 of the 1983 Survey of Predoctoral Dental Educational Institutions.

The survey form was designed to describe the core or required dental predoctoral program in terms of clock hours by major teaching areas. The survey followed closely the methodology used in the study, Dental Education in the United States 1976. That study relied on clock hours as the best indicator of the scope of the curriculum and found that the data on instructional hours made possible general comparisons of overall program lengths, the breadth of the curriculum content, and the degree of emphasis. It must be emphasized, however, that in providing these data, a model curriculum is not being proposed. The data do not permit one to judge the quality of curriculums nor the quality of the graduate except to the extent that omissions or overemphasis of instructional areas certainly would affect the ability of the graduate.

This supplement reports on basic science data. Each table in the report lists the data for a major teaching area by instructional

Unit; namely, dental school, the medical school, a joint dental-medical school faculty of a separate unit; and type of instruction, namely, didactic or laboratory. The mean, the number of dental schools used to calculate the mean (those with non-zero entries), minimum and maximum of each category is reported in each column.

Division of Educational Measurements
American Dental Association
211 East Chicago Avenue
Chicago, Illinois 60611

May 1984

TABLE 1
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
GROSS ANATOMY

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	39	39	78
2	MEDICAL	49	60	109
3	MEDICAL	20	26	46
4	MEDICAL	82	56	138
5	MEDICAL	49	70	119
6	DENT-MED	15	41	56
7	MEDICAL	15	26	41
8	DENTAL	45	33	78
9	DENTAL	18	60	78
10	DENT-MED	35	97	132
11	MEDICAL	77	69	146
12	DENT-MED	40	61	101
13	DENT-MED	63	39	102
14	DENTAL	39	69	108
15	MEDICAL	44	51	95
16	DENTAL	25	63	88
17	MEDICAL	41	33	74
18	MEDICAL	54	135	189
19	DENTAL	81	66	147
20	DENTAL	44	39	83
21	DENTAL	80	41	121
22	DENTAL	47	52	99
23	MEDICAL	22	35	57
24	DENTAL	14	33	47
25	MEDICAL	59	125	184
26	DENTAL	0	0	0
27	MEDICAL	45	44	89
28	DENTAL	52	28	80
29	DENTAL	36	71	107
30	INDEP	11	64	75
31	MEDICAL	22	30	52
32	DENTAL	22	84	106
33	DENT-MED	11	30	41
34	DENTAL	66	47	113
35	DENT-MED	44	83	127
36	MEDICAL	25	62	87
37	DENTAL	33	30	63
38	MEDICAL	38	37	75
39	DENT-MED	29	89	118
40	INDEP	44	60	104
41	MEDICAL	90	81	171
42	MEDICAL	52	79	131
43	DENTAL	40	41	81
44	MEDICAL	13	31	44
45	MEDICAL	39	87	126
46	DENTAL	22	34	56
47	MEDICAL	96	102	198
48	DENTAL	27	44	71
49	DENTAL	63	72	135
50	DENTAL	42	48	90
51	MEDICAL	41	52	93
52	DENTAL	27	41	68
53	MEDICAL	51	78	129
54	MEDICAL	27	38	65
55	DENTAL	64	54	118
56	DENTAL	21	60	81
57	MEDICAL	18	34	52
58	MEDICAL	86	86	172
59	DENT-MED	75	104	179
60	MEDICAL	41	9	50
MEAN		42.54(59)	56.83(59)	99.37(59)
MINIMUM		11	9	41
MAXIMUM		96	135	198

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 2
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
HEAD AND NECK ANATOMY

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	48	81	129
2	MEDICAL	27	56	83
3	MEDICAL	44	78	122
4	MEDICAL	48	52	100
5	DENTAL	30	52	82
6	DENT-MED	49	51	100
7	MEDICAL	77	77	154
8	DENTAL	58	54	112
9	DENTAL	38	92	130
10	DENT-MED	77	55	132
11	DENTAL	62	80	142
12	DENT-MED	41	88	129
13	DENT-MED	58	53	111
14	DENTAL	34	63	97
15	DENT-MED	56	52	108
16	DENTAL	22	48	70
17	DENT-MED	30	62	92
18	MEDICAL	21	25	46
19	DENTAL	34	0	34
20	DENTAL	114	66	180
21	DENTAL	56	22	78
22	DENTAL	27	33	60
23	MEDICAL	27	34	61
24	DENTAL	39	53	92
25	MEDICAL	65	79	144
26	DENTAL	24	61	85
27	MEDICAL	55	55	110
28	DENTAL	79	28	107
29	DENTAL	42	76	118
30	INDEP	23	70	93
31	MEDICAL	12	16	28
32	DENTAL	18	72	90
33	DENT-MED	35	60	95
34	DENTAL	53	60	113
35	DENT-MED	22	60	82
36	MEDICAL	34	63	97
37	DENTAL	38	50	88
38	MEDICAL	21	40	61
39	DENT-MED	48	65	113
40	INDEP	44	60	104
41	MEDICAL	72	58	130
42	MEDICAL	28	31	59
43	DENTAL	52	84	136
44	DENT-MED	32	55	87
45	MEDICAL	33	87	120
46	DENTAL	56	88	144
47	DENTAL	11	0	11
48	DENTAL	43	58	101
49	DENTAL	32	72	104
50	DENTAL	54	50	104
51	MEDICAL	42	33	75
52	DENTAL	60	36	96
53	MEDICAL	65	50	115
54	MEDICAL	81	67	148
55	DENTAL	73	48	121
56	DENTAL	16	54	70
57	MEDICAL	45	74	119
58	DENTAL	28	0	28
59	DENT-MED	71	6	77
60	MEDICAL	35	24	59
MEAN		44.32(60)	56.44(57)	97.93(60)
MINIMUM		11	6	11
MAXIMUM		114	92	180

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 3
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
GENERAL ANATOMY - MICROSCOPIC

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	33	35	68
2	MEDICAL	42	44	86
3	MEDICAL	25	103	128
4	MEDICAL	35	86	121
5	MEDICAL	62	43	105
6	DENT-MED	55	14	69
7	MEDICAL	39	40	79
8	DENTAL	51	24	75
9	DENTAL	29	22	51
10	DENT-MED	45	66	111
11	MEDICAL	46	70	116
12	DENT-MED	31	51	82
13	DENT-MED	39	72	111
14	DENTAL	47	55	102
15	DENT-MED	35	36	71
16	DENTAL	34	3	37
17	MEDICAL	36	40	76
18	MEDICAL	53	54	107
19	DENTAL	28	31	59
20	DENTAL	51	54	105
21	DENTAL	80	28	108
22	DENTAL	24	76	100
23	MEDICAL	79	49	128
24	DENTAL	65	53	118
25	MEDICAL	93	81	174
26	DENTAL	43	48	91
27	DENTAL	55	9	64
28	DENTAL	30	36	66
29	DENTAL	92	0	92
30	INDEP	38	40	78
31	MEDICAL	29	58	87
32	DENTAL	80	40	120
33	DENT-MED	34	49	83
34	DENTAL	47	7	54
35	DENT-MED	55	66	121
36	MEDICAL	49	56	105
37	DENTAL	31	0	31
38	MEDICAL	68	28	96
39	DENT-MED	43	57	100
40	INDEP	36	55	91
41	MEDICAL	28	36	64
42	MEDICAL	44	68	112
43	DENTAL	36	0	36
44	MEDICAL	60	92	152
45	MEDICAL	57	118	175
46	DENTAL	64	44	108
47	MEDICAL	47	92	139
48	DENTAL	31	49	80
49	DENTAL	64	48	112
50	DENTAL	21	13	34
51	MEDICAL	26	38	64
52	DENTAL	22	32	54
53	MEDICAL	32	58	90
54	MEDICAL	93	3	96
55	DENTAL	49	15	64
56	DENTAL	52	80	132
57	MEDICAL	28	36	64
58	MEDICAL	60	32	92
59	DENT-MED	149	79	228
60	DENT-MED	51	18	69
MEAN		48.35(60)	47.89(57)	93.85(60)
MINIMUM		21	3	31
MAXIMUM		149	118	228

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 4
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
ORAL HISTOLOGY

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	19	22	41
2	DENT-MED	27	8	35
3	MEDICAL	30	25	55
4	DENTAL	10	0	10
5	DENT-MED	27	5	32
6	DENT-MED	33	4	37
7	MEDICAL	25	6	31
8	DENTAL	26	16	42
9	DENTAL	14	0	14
10	DENT-MED	16	9	25
11	DENTAL	34	18	52
12	DENT-MED	15	25	40
13	DENT-MED	12	24	36
14	DENTAL	25	33	58
15	DENT-MED	31	26	57
16	DENTAL	37	9	46
17	DENT-MED	20	19	39
18	MEDICAL	18	14	32
19	DENTAL	25	11	36
20	DENTAL	23	16	39
21	DENTAL	19	0	19
22	DENTAL	17	42	59
23	MEDICAL	17	14	31
24	DENTAL	25	25	50
25	DENTAL	21	33	54
26	DENTAL	13	24	37
27	DENTAL	35	0	35
28	DENTAL	30	20	50
29	DENTAL	51	0	51
30	INDEP	19	7	26
31	MEDICAL	10	14	24
32	DENTAL	38	20	58
33	DENTAL	10	0	10
34	DENTAL	52	6	58
35	DENT-MED	11	33	44
36	DENTAL	40	2	42
37	DENTAL	22	10	32
38	MEDICAL	23	23	46
39	DENT-MED	19	28	47
40	MEDICAL	14	26	40
41	MEDICAL	20	10	30
42	DENTAL	54	6	60
43	DENTAL	26	0	26
44	DENTAL	36	0	36
45	DENTAL	30	18	48
46	DENTAL	29	25	54
47	DENTAL	45	45	90
48	DENTAL	32	13	45
49	DENTAL	28	24	52
50	DENTAL	27	13	40
51	DENTAL	27	7	34
52	DENTAL	19	26	45
53	MEDICAL	18	24	42
54	DENTAL	26	30	56
55	DENTAL	36	15	51
56	DENTAL	0	0	0
57	DENTAL	19	21	40
58	DENTAL	32	24	56
59	DENT-MED	12	19	31
60	DENT-MED	22	9	31
MEAN		25.27(59)	18.55(51)	41.31(59)
MINIMUM		10	2	10
MAXIMUM		54	45	90

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 5
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
BIOCHEMISTRY

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	77	0	77
2	DENT-MED	101	0	101
3	MEDICAL	86	0	86
4	MEDICAL	82	24	106
5	DENTAL	133	0	133
6	DENT-MED	71	0	71
7	MEDICAL	90	0	90
8	DENTAL	89	6	95
9	DENT-MED	78	1	79
10	DENT-MED	93	0	93
11	DENT-MED	103	0	103
12	DENT-MED	35	0	35
13	DENT-MED	81	2	83
14	DENTAL	89	30	119
15	DENT-MED	95	0	95
16	DENTAL	60	0	60
17	MEDICAL	61	18	79
18	MEDICAL	73	5	78
19	DENTAL	64	10	74
20	DENTAL	75	0	75
21	DENTAL	65	0	65
22	DENTAL	60	0	60
23	MEDICAL	74	0	74
24	DENTAL	43	0	43
25	MEDICAL	97	0	97
26	DENTAL	99	24	123
27	MEDICAL	87	14	101
28	DENTAL	69	28	97
29	DENTAL	46	0	46
30	INDEP	89	0	89
31	MEDICAL	66	0	66
32	MEDICAL	60	0	60
33	DENT-MED	106	1	107
34	DENTAL	119	0	119
35	DENT-MED	55	0	55
36	MEDICAL	81	0	81
37	DENTAL	62	0	62
38	MEDICAL	87	4	91
39	DENT-MED	77	0	77
40	INDEP	65	14	79
41	MEDICAL	82	0	82
42	MEDICAL	111	0	111
43	DENTAL	84	0	84
44	DENT-MED	100	0	100
45	DENT-MED	98	0	98
46	DENTAL	65	0	65
47	MEDICAL	90	0	90
48	DENTAL	84	0	84
49	MEDICAL	74	0	74
50	DENTAL	65	0	65
51	-	0	0	0
52	DENTAL	106	0	106
53	MEDICAL	92	0	92
54	MEDICAL	84	0	84
55	DENTAL	87	0	87
56	DENTAL	63	30	93
57	MEDICAL	76	0	76
58	MEDICAL	106	48	154
59	DENT-MED	180	10	190
60	MEDICAL	76	0	76
MEAN		82.47(59)	15.82(17)	87.03(59)
MINIMUM		35	1	35
MAXIMUM		180	48	190

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 6
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
MICROBIOLOGY

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	51	40	91
2	MEDICAL	108	38	146
3	MEDICAL	38	0	38
4	DENTAL	33	26	59
5	DENT-MED	50	20	70
6	DENT-MED	31	24	55
7	MEDICAL	47	10	57
8	DENTAL	54	5	59
9	MEDICAL	49	31	80
10	DENT-MED	69	3	72
11	DENT-MED	74	32	106
12	DENT-MED	29	18	47
13	DENT-MED	110	18	128
14	DENTAL	39	41	80
15	MEDICAL	40	26	66
16	DENTAL	34	18	52
17	DENT-MED	34	18	52
18	MEDICAL	46	44	90
19	DENTAL	53	25	78
20	DENTAL	64	31	95
21	DENTAL	60	15	75
22	DENTAL	17	12	29
23	MEDICAL	57	16	73
24	DENTAL	56	14	70
25	MEDICAL	85	37	122
26	DENTAL	60	16	76
27	DENT-MED	56	21	77
28	DENTAL	62	6	68
29	DENTAL	68	42	110
30	INDEP	56	4	60
31	MEDICAL	31	40	71
32	MEDICAL	31	40	71
33	DENT-MED	37	4	41
34	DENTAL	74	0	74
35	DENT-MED	33	22	55
36	DENTAL	67	27	94
37	DENTAL	24	50	74
38	MEDICAL	50	27	77
39	DENT-MED	47	47	94
40	INDEP	54	35	89
41	MEDICAL	52	14	66
42	MEDICAL	85	71	156
43	DENTAL	72	11	83
44	DENT-MED	75	14	89
45	DENT-MED	38	20	58
46	DENTAL	74	4	78
47	MEDICAL	57	0	57
48	DENTAL	49	32	81
49	MEDICAL	80	4	84
50	DENTAL	48	0	48
51	DENT-MED	54	12	66
52	DENTAL	49	25	74
53	MEDICAL	84	44	128
54	DENT-MED	46	8	54
55	DENTAL	67	8	75
56	DENTAL	27	27	54
57	MEDICAL	72	24	96
58	MEDICAL	72	4	76
59	DENT-MED	84	16	100
60	DENT-MED	54	14	68
MEAN		55.28(60)	23.13(56)	76.87(60)
MINIMUM		17	3	29
MAXIMUM		110	71	156

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 7
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
IMMUNOLOGY

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	17	12	29
2	DENT-MED	48	0	48
3	MEDICAL	32	0	32
4	DENTAL	7	4	11
5	DENT-MED	47	0	47
6	DENT-MED	11	0	11
7	MEDICAL	28	0	28
8	DENTAL	13	1	14
9	MEDICAL	11	0	11
10	DENT-MED	20	0	20
11	DENTAL	9	0	9
12	DENT-MED	15	0	15
13	DENT-MED	19	0	19
14	DENTAL	9	4	13
15	MEDICAL	14	2	16
16	DENTAL	12	0	12
17	DENT-MED	18	2	20
18	MEDICAL	26	2	28
19	DENTAL	17	6	23
20	DENTAL	16	2	18
21	DENTAL	28	0	28
22	DENTAL	8	4	12
23	MEDICAL	23	4	27
24	DENTAL	57	12	69
25	MEDICAL	28	14	42
26	DENTAL	0	0	0
27	DENT-MED	22	3	25
28	DENTAL	21	0	21
29	DENTAL	31	0	31
30	INDEP	20	4	24
31	MEDICAL	8	6	14
32	MEDICAL	9	0	9
33	DENT-MED	2	0	2
34	DENTAL	18	0	18
35	DENT-MED	22	0	22
36	DENTAL	16	4	20
37	DENTAL	7	10	17
38	MEDICAL	18	1	19
39	DENT-MED	10	4	14
40	INDEP	10	7	17
41	MEDICAL	19	7	26
42	MEDICAL	14	0	14
43	DENTAL	29	0	29
44	DENTAL	11	0	11
45	DENT-MED	28	1	29
46	DENTAL	26	3	29
47	MEDICAL	28	0	28
48	DENTAL	18	0	18
49	DENT-MED	1	0	1
50	DENTAL	12	0	12
51	DENT-MED	6	0	6
52	DENTAL	25	0	25
53	MEDICAL	24	6	30
54	DENTAL	27	0	27
55	DENTAL	43	8	51
56	DENTAL	18	0	18
57	DENT-MED	12	0	12
58	MEDICAL	16	0	16
59	DENT-MED	77	4	91
60	DENT-MED	19	0	19
MEAN		20.34(59)	5.07(27)	22.66(59)
MINIMUM		1	1	1
MAXIMUM		77	14	81

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 8
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
PATHOLOGY - GENERAL

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	41	21	62
2	MEDICAL	37	26	63
3	MEDICAL	65	0	65
4	MEDICAL	46	56	102
5	MEDICAL	55	0	55
6	DENT-MED	59	32	91
7	DENT-MED	94	5	99
8	DENTAL	58	8	66
9	MEDICAL	27	39	66
10	DENT-MED	94	17	111
11	MEDICAL	48	84	132
12	DENT-MED	98	36	134
13	DENT-MED	75	22	97
14	DENTAL	83	20	103
15	MEDICAL	89	0	89
16	DENTAL	84	0	84
17	DENT-MED	67	4	71
18	MEDICAL	126	20	146
19	DENTAL	111	1	112
20	DENTAL	72	27	99
21	DENTAL	86	14	100
22	DENTAL	50	43	93
23	MEDICAL	94	0	94
24	DENTAL	75	5	80
25	MEDICAL	45	58	103
26	DENTAL	45	60	105
27	DENTAL	129	2	131
28	DENTAL	63	6	69
29	DENTAL	84	0	84
30	INDEP	36	56	92
31	MEDICAL	45	20	65
32	MEDICAL	60	40	100
33	DENT-MED	74	16	90
34	DENTAL	126	65	191
35	DENTAL	107	8	115
36	MEDICAL	52	16	68
37	DENTAL	122	0	122
38	DENTAL	82	0	82
39	DENT-MED	49	25	74
40	MEDICAL	60	58	118
41	DENTAL	60	42	102
42	MEDICAL	59	60	119
43	DENTAL	67	0	67
44	DENT-MED	72	30	102
45	MEDICAL	82	30	112
46	DENTAL	83	0	83
47	MEDICAL	129	40	169
48	DENTAL	66	28	94
49	DENTAL	82	0	82
50	DENTAL	45	0	45
51	MEDICAL	63	2	65
52	DENTAL	105	26	131
53	DENT-MED	53	23	76
54	MEDICAL	77	0	77
55	DENTAL	78	30	108
56	DENTAL	44	66	110
57	DENTAL	80	0	80
58	MEDICAL	56	56	112
59	DENT-MED	238	81	319
60	DENT-MED	66	82	148
MEAN		75.30(60)	32.74(46)	100.40(60)
MINIMUM		27	1	45
MAXIMUM		238	84	319

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 9
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
PHARMACOLOGY

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	74	2	76
2	MEDICAL	57	0	57
3	MEDICAL	99	0	99
4	DENT-MED	47	0	47
5	MEDICAL	80	0	80
6	DENT-MED	80	0	80
7	DENT-MED	89	0	89
8	DENTAL	44	0	44
9	MEDICAL	83	0	83
10	DENT-MED	56	0	56
11	DENT-MED	66	0	66
12	DENT-MED	40	0	40
13	DENT-MED	83	0	83
14	DENTAL	86	18	104
15	MEDICAL	137	6	143
16	DENTAL	139	30	169
17	DENT-MED	56	26	82
18	MEDICAL	70	0	70
19	DENTAL	31	0	31
20	DENTAL	75	0	75
21	DENTAL	74	0	74
22	DENT-MED	72	3	75
23	MEDICAL	57	0	57
24	DENTAL	87	0	87
25	MEDICAL	88	0	88
26	DENTAL	51	8	59
27	MEDICAL	116	0	116
28	DENTAL	70	0	70
29	DENTAL	70	0	70
30	INDEP	75	0	75
31	MEDICAL	69	0	69
32	MEDICAL	70	30	100
33	DENT-MED	63	0	63
34	DENTAL	88	0	88
35	DENT-MED	66	33	99
36	DENTAL	61	0	61
37	DENTAL	79	3	82
38	MEDICAL	110	6	116
39	DENT-MED	74	2	76
40	INDEP	98	4	102
41	MEDICAL	81	0	81
42	MEDICAL	106	0	106
43	DENTAL	98	2	100
44	MEDICAL	106	0	106
45	DENT-MED	99	12	111
46	DENTAL	81	0	81
47	MEDICAL	86	0	86
48	DENTAL	93	0	93
49	MEDICAL	77	0	77
50	DENTAL	61	0	61
51	MEDICAL	40	0	40
52	DENTAL	78	0	78
53	MEDICAL	57	0	57
54	DENTAL	49	0	49
55	DENTAL	90	9	99
56	DENTAL	44	33	77
57	DENT-MED	64	0	64
58	DENT-MED	108	8	116
59	DENT-MED	101	11	112
60	MEDICAL	107	0	107
MEAN		77.63(60)	12.95(19)	81.73(60)
MINIMUM		31	2	31
MAXIMUM		139	33	169

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 10
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
PHYSIOLOGY

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	93	27	120
2	MEDICAL	101	17	118
3	MEDICAL	78	0	78
4	MEDICAL	84	36	120
5	MEDICAL	173	36	209
6	DENT-MED	57	12	69
7	MEDICAL	57	0	57
8	DENTAL	73	3	76
9	MEDICAL	60	0	60
10	DENT-MED	88	6	94
11	MEDICAL	89	4	93
12	DENT-MED	75	15	90
13	DENT-MED	108	0	108
14	DENTAL	76	56	132
15	MEDICAL	168	15	183
16	DENTAL	75	23	98
17	DENT-MED	72	12	84
18	MEDICAL	104	18	122
19	DENTAL	50	6	56
20	DENTAL	60	0	60
21	DENTAL	75	0	75
22	DENTAL	105	56	161
23	MEDICAL	69	24	93
24	MEDICAL	89	0	89
25	MEDICAL	97	26	123
26	DENTAL	57	12	69
27	MEDICAL	111	10	121
28	DENTAL	64	3	67
29	DENTAL	70	74	144
30	INDEP	90	30	120
31	MEDICAL	66	12	78
32	MEDICAL	70	0	70
33	DENT-MED	73	17	90
34	DENTAL	123	0	123
35	DENT-MED	88	0	88
36	MEDICAL	95	30	125
37	DENTAL	89	12	101
38	MEDICAL	139	18	157
39	DENT-MED	84	0	84
40	INDEP	77	45	122
41	MEDICAL	85	6	91
42	MEDICAL	127	81	208
43	DENTAL	89	0	89
44	DENT-MED	122	0	122
45	DENT-MED	70	47	117
46	DENTAL	65	0	65
47	MEDICAL	127	0	127
48	DENTAL	108	4	112
49	MEDICAL	76	6	82
50	DENTAL	69	0	69
51	MEDICAL	100	0	100
52	DENTAL	123	4	127
53	MEDICAL	88	0	88
54	MEDICAL	82	0	82
55	DENTAL	102	24	126
56	DENTAL	55	66	121
57	MEDICAL	64	48	112
58	MEDICAL	91	42	133
59	DENT-MED	270	31	301
60	MEDICAL	74	0	74
MEAN		90.98(60)	25.35(40)	107.88(60)
MINIMUM		50	3	56
MAXIMUM		270	81	301

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 11
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
GENETICS

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	DENTAL	2	0	2
2	-	0	0	0
3	-	0	0	0
4	-	0	0	0
5	DENTAL	9	0	9
6	DENT-MED	4	0	4
7	DENTAL	15	0	15
8	DENTAL	17	0	17
9	-	0	0	0
10	DENT-MED	1	0	1
11	-	0	0	0
12	DENT-MED	3	0	3
13	DENTAL	8	0	8
14	DENTAL	0	0	0
15	MEDICAL	6	0	6
16	DENTAL	11	0	11
17	MEDICAL	7	0	7
18	DENTAL	3	0	3
19	-	0	0	0
20	DENTAL	11	0	11
21	DENTAL	14	0	14
22	DENTAL	1	0	1
23	-	0	0	0
24	DENTAL	4	0	4
25	MEDICAL	0	0	0
26	DENTAL	20	0	20
27	DENTAL	9	0	9
28	-	0	0	0
29	DENTAL	7	2	9
30	INDEP	0	0	0
31	MEDICAL	14	0	14
32	DENTAL	2	0	2
33	DENT-MED	0	0	0
34	-	0	0	0
35	DENT-MED	6	0	6
36	MEDICAL	1	0	1
37	DENTAL	1	0	1
38	DENTAL	6	0	6
39	DENT-MED	3	0	3
40	INDEP	29	3	32
41	DENTAL	4	0	4
42	-	0	0	0
43	DENTAL	2	0	2
44	MEDICAL	31	0	31
45	DENTAL	15	0	15
46	DENTAL	0	0	0
47	DENTAL	5	0	5
48	DENTAL	9	1	10
49	DENTAL	4	0	4
50	DENTAL	3	0	3
51	DENTAL	1	0	1
52	-	0	0	0
53	-	0	0	0
54	MEDICAL	2	0	2
55	DENTAL	20	0	20
56	-	0	0	0
57	-	0	0	0
58	DENTAL	2	0	2
59	DENT-MED	24	0	24
60	MEDICAL	3	0	3
MEAN		8.27(41)	2.00(3)	8.41(41)
MINIMUM		1	1	0
MAXIMUM		31	3	32

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.

TABLE 12
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
OTHER

DENTAL SCHOOL	INSTRUCTIONAL UNIT	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	-	0	0	0
2 *	MEDICAL	527	1301	1828
3	-	0	0	0
4	-	0	0	0
5	-	0	0	0
6	-	0	0	0
7	-	0	0	0
8	-	0	0	0
9	-	0	0	0
10	-	0	0	0
11	-	0	0	0
12	DENT-MED	12	0	12
13	-	0	0	0
14	-	0	0	0
15	-	0	0	0
16	-	0	0	0
17	DENTAL	21	0	21
18	-	0	0	0
19	-	0	0	0
20	-	0	0	0
21	DENTAL	3	2	5
22	DENTAL	0	5	5
23	-	0	0	0
24	-	0	0	0
25	-	0	0	0
26	-	0	0	0
27	-	0	0	0
28	-	0	0	0
29	-	0	0	0
30	-	0	0	0
31	DENTAL	109	0	109
32	-	0	0	0
33	DENT-MED	20	0	20
34	-	0	0	0
35	DENT-MED	124	0	124
36	-	0	0	0
37	-	0	0	0
38	-	6	0	6
39	-	0	0	0
40	INDEP	18	3	21
41	DENTAL	63	0	63
42	MEDICAL	18	9	27
43	DENTAL	2	0	2
44	DENTAL	40	0	40
45	-	0	0	0
46	-	0	0	0
47	-	101	0	101
48	-	0	0	0
49	-	0	0	0
50	-	0	0	0
51	-	0	0	0
52	-	0	0	0
53	-	0	0	0
54	-	0	0	0
55	-	0	0	0
56	DENTAL	19	27	46
57	-	0	0	0
58	-	0	0	0
59	-	0	0	0
60	DENT-MED	4	120	124
MEAN		67.94(16)	209.57(7)	159.63(16)
MINIMUM		2	2	0
MAXIMUM		527	1301	1828

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.
* THIS ASSUMES THAT THE BIOMEDICAL TRACK IS SELECTED FOR THE FIFTH YEAR OPTION

TABLE 13
BASIC SCIENCE CLOCK HOURS OF INSTRUCTION 1983-1984
TOTAL

DENTAL SCHOOL	DIDACTIC INSTRUCTION	LABORATORY INSTRUCTION	TOTAL INSTRUCTION
1	494	279	773
2	1124	1550	2674
3	517	232	749
4	474	340	814
5	715	226	941
6	465	178	643
7	576	164	740
8	528	150	678
9	407	245	652
10	594	253	847
11	608	357	965
12	434	294	728
13	656	230	886
14	527	389	916
15	715	214	929
16	533	194	727
17	463	234	697
18	594	317	911
19	494	156	650
20	605	235	840
21	640	122	762
22	428	326	754
23	519	176	695
24	554	195	749
25	678	453	1131
26	412	253	665
27	720	158	878
28	540	155	695
29	597	265	862
30	457	275	732
31	481	196	677
32	460	326	786
33	465	177	642
34	733	156	889
35	633	305	938
36	521	260	781
37	508	165	673
38	648	184	832
39	483	317	800
40	549	370	919
41	656	254	910
42	698	405	1103
43	597	138	735
44	698	222	920
45	589	420	1009
46	565	198	763
47	824	279	1103
48	560	229	789
49	581	226	807
50	447	124	571
51	400	144	544
52	614	190	804
53	564	283	847
54	594	146	740
55	709	211	920
56	359	443	802
57	478	237	715
58	657	300	957
59	1281	361	1642
60	552	276	828
MEAN	582.87(60)	269.28(60)	852.15(60)
MINIMUM	359	122	544
MAXIMUM	1281	1550	2674

( ) = NUMBER OF SCHOOLS INCLUDED IN THE MEAN.